



# Icuc Corporation Japan

## SNR 71932CVUJ74A Super Precision Bearings

Bearing No. 71932CVUJ74A

d	160 mm
D	220 mm
B	28 mm
d1	180 mm
D1	200.02 mm
D2	207.62 mm
a	39 mm
Contact angle	15 °
rs min	2 mm
r1s min	1 mm
f0	16.76
Precision class	P4
Mass	2.76 kg
Dynamic load, C	104 kN
Static load, C0	135 kN
Fatigue limit load, Cu	5.2 kN
Nlim (oil)	9,200 rpm
Nlim (grease)	6,100 rpm
Axial displacement K Factor	0.72
Preload level	7
Preload value	0.92 kN
Axial rigidity	205 N/ μ m
Radial rigidity	1,141 N/ μ m
Min operating temperature, Tmin	-30 ° C
Max operating temperature, Tmax	120 ° C

71932CVUJ74A Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.32 Hz
Characteristic outer ring frequency, BPF0	13.73 Hz
Characteristic inner ring frequency, BRFI	16.27 Hz
da min	170 mm
db min	170 mm
Da max	210 mm
Db max	210 mm
r1a max	1 mm
ra max	2 mm
D6	184 mm